

ABSTRACT:

Please replace the present Abstract with the following:

A device for displacing an object a certain distance is disclosed. In one particular context, the device may be used in a brake piston. The device features a driving member and an interconnecting member located between the driving member and the object being driven (e.g., the brake piston). The driving member and the interconnecting member form a friction joint between them. The friction joint is strong enough that the driving member can push the object back to a retracted position when it is no longer being actuated, but weak enough that the interconnecting member, and hence the object, can be pushed forward relative to the driving member when the driving member reaches a maximum forward position. This lets the object (e.g., the piston) automatically adjust its non-actuated position so the same amount of fluid is required to move the piston forward as associated brake pads get thinner.